

# EDS-408A 系列

## 8 埠入門級網管型乙太網路交換器



### 特色與優點

- 支援 Turbo Ring 和 Turbo Chain ( 復原時間 < 20 ms @250 台交換機 )、RSTP/STP，實現網路備援
- 支援 IGMP 窺探、QoS、IEEE 802.1Q VLAN 以及以連接埠為基礎的 VLAN
- 透過網頁瀏覽器、CLI、Telnet / 序列主控台、Windows 程式和 ABC-01 輕鬆管理網路
- 預設情況下啟用 PROFINET 或 EtherNet/IP ( PN 或 EIP 型號 )
- 支援 MXstudio，簡易可視化的工業網路管理

### 認證



### 簡介

EDS-408A 系列專為工業應用所設計。這系列的交換器支援多種實用的管理功能，像是：Turbo Ring、Turbo Chain、環形連結器、IGMP 窺探、IEEE 802.1Q VLAN、以連接埠為基礎的 VLAN、QoS、RMON、頻寬管理、連接埠鏡像，以及透過電子郵件或繼電器發出告警。Turbo Ring 可以使用網頁管理介面或是在 EDS-408A 交換器頂端面板的 DIP 開關進行簡易設定。

### 附加特色與優點

- DHCP Option 82 以不同策略指派 IP 位址
- 支援 EtherNet/IP、Modbus TCP 和 PROFINET 通訊協定的設備管理和監控
- 提供 EtherNet/IP EDS ( 電子資料表 ) 檔案、自訂 AOI ( 附加說明 ) 及 FactoryTalk® 可視化面板
- 可提供 PROFINET GSDML 檔案及 SIMATIC STEP 7 設備圖示<sup>2</sup>
- 連接埠鏡像可用於線上除錯
- 以連接埠為基礎的 VLAN、IEEE 802.1Q VLAN 以及 GVRP，可簡化網路規劃
- QoS ( IEEE 802.1p 和 TOS/DiffServ ) 提高網路穩定性
- RMON 提供主動且有效率的網路監控
- SNMPv1/v2c/v3，適用不同層級的網路管理安全性
- 頻寬管理可預防無法預測的網路狀態

### 規格

#### Ethernet Interface

|                                            |                                                                                                                                                                                                                                                                |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10/100BaseT(X) Ports (RJ45 connector)      | EDS-408A/408A-T, EDS-408A-EIP/PN Series: 8<br>EDS-408A-MM-SC/MM-ST/SS-SC Series: 6<br>EDS-408A-3M-SC/3M-ST/3S-SC/3S-SC-48/1M2S-SC/2M1S-SC Series: 5<br><br>All models support:<br>Auto negotiation speed<br>Full/Half duplex mode<br>Auto MDI/MDI-X connection |
| 100BaseFX Ports (multi-mode SC connector)  | EDS-408A-MM-SC/2M1S-SC Series: 2<br>EDS-408A-3M-SC Series: 3<br>EDS-408A-1M2S-SC Series: 1                                                                                                                                                                     |
| 100BaseFX Ports (multi-mode ST connector)  | EDS-408A-MM-ST Series: 2<br>EDS-408A-3M-ST Series: 3                                                                                                                                                                                                           |
| 100BaseFX Ports (single-mode SC connector) | EDS-408A-SS-SC/1M2S-SC Series: 2<br>EDS-408A-2M1S-SC Series: 1<br>EDS-408A-3S-SC/3S-SC-48 Series: 3                                                                                                                                                            |

1. 僅支援 EtherNet/IP、Modbus TCP 和 PROFINET EDS-408A-PN 系列  
2. 僅支援 EDS-408A-PN 系列

| Standards                                                                                                                                                                                                                                                                                           | IEEE 802.3 for 10BaseT<br>IEEE 802.3u for 100BaseT(X) and 100BaseFX<br>IEEE 802.3x for flow control<br>IEEE 802.1D-2004 for Spanning Tree Protocol<br>IEEE 802.1p for Class of Service<br>IEEE 802.1Q for VLAN Tagging<br>IEEE 802.1w for Rapid Spanning Tree Protocol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |             |              |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
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| Optical Fiber                                                                                                                                                                                                                                                                                       | <table><tr><th colspan="2" rowspan="2"></th><th colspan="2">100BaseFX</th></tr><tr><th>Multi-Mode</th><th>Single-Mode</th></tr><tr><th rowspan="2">Fiber Cable Type</th><th rowspan="2">OM1</th><th>50/125 μm</th><th rowspan="2">G.652</th></tr><tr><th>800 MHz x km</th></tr><tr><td colspan="2">Typical Distance</td><td>4 km</td><td>5 km</td><td>40 km</td></tr><tr><td rowspan="3">Wavelength</td><td>Typical (nm)</td><td colspan="2">1300</td><td>1310</td></tr><tr><td>TX Range (nm)</td><td colspan="2">1260 to 1360</td><td>1280 to 1340</td></tr><tr><td>RX Range (nm)</td><td colspan="2">1100 to 1600</td><td>1100 to 1600</td></tr><tr><td rowspan="4">Optical Power</td><td>TX Range (dBm)</td><td colspan="2">-10 to -20</td><td>0 to -5</td></tr><tr><td>RX Range (dBm)</td><td colspan="2">-3 to -32</td><td>-3 to -34</td></tr><tr><td>Link Budget (dB)</td><td colspan="2">12</td><td>29</td></tr><tr><td>Dispersion Penalty (dB)</td><td colspan="2">3</td><td>1</td></tr><tr><td colspan="5">Note: When connecting a single-mode fiber transceiver, we recommend using an attenuator to prevent damage caused by excessive optical power.<br/>Note: Compute the “typical distance” of a specific fiber transceiver as follows: Link budget (dB) &gt; dispersion penalty (dB) + total link loss (dB).</td></tr></table> |              |             |              |  |  | 100BaseFX |  | Multi-Mode | Single-Mode | Fiber Cable Type | OM1 | 50/125 μm | G.652 | 800 MHz x km | Typical Distance |  | 4 km | 5 km | 40 km | Wavelength | Typical (nm) | 1300 |  | 1310 | TX Range (nm) | 1260 to 1360 |  | 1280 to 1340 | RX Range (nm) | 1100 to 1600 |  | 1100 to 1600 | Optical Power | TX Range (dBm) | -10 to -20 |  | 0 to -5 | RX Range (dBm) | -3 to -32 |  | -3 to -34 | Link Budget (dB) | 12 |  | 29 | Dispersion Penalty (dB) | 3 |  | 1 | Note: When connecting a single-mode fiber transceiver, we recommend using an attenuator to prevent damage caused by excessive optical power.<br>Note: Compute the “typical distance” of a specific fiber transceiver as follows: Link budget (dB) > dispersion penalty (dB) + total link loss (dB). |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100BaseFX    |             |              |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Multi-Mode   | Single-Mode |              |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
| Fiber Cable Type                                                                                                                                                                                                                                                                                    | OM1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50/125 μm    | G.652       |              |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 800 MHz x km |             |              |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
| Typical Distance                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4 km         | 5 km        | 40 km        |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
| Wavelength                                                                                                                                                                                                                                                                                          | Typical (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1300         |             | 1310         |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     | TX Range (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1260 to 1360 |             | 1280 to 1340 |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     | RX Range (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1100 to 1600 |             | 1100 to 1600 |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
| Optical Power                                                                                                                                                                                                                                                                                       | TX Range (dBm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -10 to -20   |             | 0 to -5      |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     | RX Range (dBm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -3 to -32    |             | -3 to -34    |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     | Link Budget (dB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12           |             | 29           |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                                                                                                                                                                                                                                                                                     | Dispersion Penalty (dB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3            |             | 1            |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |
| Note: When connecting a single-mode fiber transceiver, we recommend using an attenuator to prevent damage caused by excessive optical power.<br>Note: Compute the “typical distance” of a specific fiber transceiver as follows: Link budget (dB) > dispersion penalty (dB) + total link loss (dB). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |             |              |  |  |           |  |            |             |                  |     |           |       |              |                  |  |      |      |       |            |              |      |  |      |               |              |  |              |               |              |  |              |               |                |            |  |         |                |           |  |           |                  |    |  |    |                         |   |  |   |                                                                                                                                                                                                                                                                                                     |  |  |  |  |

Ethernet Software Features

|                      |                                                                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Filter               | 802.1Q VLAN, GMRP, GVRP, IGMP v1/v2, Port-based VLAN                                                                                                                                        |
| Industrial Protocols | EtherNet/IP, Modbus TCP, EDS-408A-PN Series: PROFINET IO Device (Slave)                                                                                                                     |
| Management           | Back Pressure Flow Control, BOOTP, DHCP Option 66/67/82, DHCP Server/Client, Flow control, IPv4/IPv6, LLDP, Port Mirror, RARP, RMON, SMTP, SNMP Inform, SNMPv1/v2c/v3, Syslog, Telnet, TFTP |
| MIB                  | Bridge MIB, Ethernet-like MIB, MIB-II, P-BRIDGE MIB, RMON MIB Groups 1, 2, 3, 9, RSTP MIB                                                                                                   |
| Redundancy Protocols | RSTP, STP, Turbo Chain, Turbo Ring v1/v2                                                                                                                                                    |
| Time Management      | NTP Server/Client, SNTP                                                                                                                                                                     |

Switch Properties

|                    |               |
|--------------------|---------------|
| IGMP Groups        | 256           |
| MAC Table Size     | 8 K           |
| Max. No. of VLANs  | 64            |
| Packet Buffer Size | 1 Mbits       |
| Priority Queues    | 4             |
| VLAN ID Range      | VID 1 to 4094 |

Serial Interface

|              |                                                      |
|--------------|------------------------------------------------------|
| Console Port | RS-232 (TxD, RxD, GND), 10-pin RJ45 (19200, n, 8, 1) |
|--------------|------------------------------------------------------|

## DIP Switch Configuration

|                    |                                      |
|--------------------|--------------------------------------|
| Ethernet Interface | Turbo Ring, Master, Coupler, Reserve |
|--------------------|--------------------------------------|

## Input/Output Interface

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Alarm Contact Channels | Relay output with current carrying capacity of 1 A @ 24 VDC |
|------------------------|-------------------------------------------------------------|

## Power Parameters

|                             |                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connection                  | 1 removable 6-contact terminal block(s)                                                                                                                                                                      |
| Input Voltage               | All models: Redundant dual inputs<br>EDS-408A/408A-T, EDS-408A-MM-SC/MM-ST/SS-SC/3M-SC/3M-ST/3S-SC/1M2S-SC/<br>2M1S-SC/EIP/PN Series: 12/24/48 VDC<br>EDS-408A-3S-SC-48/408A-3S-SC-48-T: $\pm 24/\pm 48$ VDC |
| Operating Voltage           | EDS-408A/408A-T, EDS-408A-MM-SC/MM-ST/SS-SC/3M-SC/3M-ST/3S-SC/1M2S-SC/<br>2M1S-SC/EIP/PN Series: 9.6 to 60 VDC<br><br>EDS-408A-3S-SC-48 Series:<br>$\pm 19$ to $\pm 60$ VDC <sup>3</sup>                     |
| Input Current               | EDS-408A/408A-T, EDS-408A-EIP/PN Series: 0.18 A @ 24 VDC<br>EDS-408A-MM-SC/MM-ST/SS-SC Series: 0.30 A @ 24 VDC<br>EDS-408A-3M-SC/3M-ST/3S-SC/3S-SC-48/1M2S-SC/2M1S-SC Series: 0.35 A @ 24 VDC                |
| Overload Current Protection | Supported                                                                                                                                                                                                    |
| Reverse Polarity Protection | Supported                                                                                                                                                                                                    |

## Physical Characteristics

|              |                                                                                                                                                                     |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing      | Metal                                                                                                                                                               |
| IP Rating    | IP30                                                                                                                                                                |
| Dimensions   | 53.6 x 135 x 105 mm (2.11 x 5.31 x 4.13 in)                                                                                                                         |
| Weight       | EDS-408A/408A-T, EDS-408A-MM-SC/MM-ST/SS-SC, EDS-408A-EIP/PN Series: 650 g (1.44 lb)<br>EDS-408A-3M-SC/3M-ST/3S-SC/3S-SC-48/1M2S-SC/2M1S-SC Series: 890 g (1.97 lb) |
| Installation | DIN-rail mounting, Wall mounting (with optional kit)                                                                                                                |

## Environmental Limits

|                                        |                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------|
| Operating Temperature                  | Standard Models: -10 to 60°C (32 to 140°F)<br>Wide Temp. Models: -40 to 75°C (-40 to 167°F) |
| Storage Temperature (package included) | -40 to 85°C (-40 to 185°F)                                                                  |
| Ambient Relative Humidity              | 5 to 95% (non-condensing)                                                                   |

## Standards and Certifications

|        |                                                                                                                                                                                                                      |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety | All models: EN 60950-1, UL 508<br>EDS-408A/408A-T, EDS-408A-MM-SC/MM-ST/SS-SC Series, EDS-EIP/PN Series: UL 60950-1                                                                                                  |
| EMC    | EN 55032/24                                                                                                                                                                                                          |
| EMI    | CISPR 32, FCC Part 15B Class A                                                                                                                                                                                       |
| EMS    | IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV<br>IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m<br>IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV<br>IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV<br>IEC 61000-4-6 CS: 10 V |

3. -60 至 -19 VDC 或 19 至 60 VDC。請勿混用電源的極性。

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
|                     | IEC 61000-4-8 PFMF                                                                                                   |
| Hazardous Locations | EDS-408A/408A-T, EDS-408A-MM-SC/MM-ST/SS-SC Series, EDS-408A-EIP/PN Series: ATEX, Class I Division 2                 |
| Maritime            | EDS-408A/408A-T, EDS-408A-MM/SS Series: NK<br>EDS-408A/408A-T, EDS-408A-MM/SS Series, EDS-408A-EIP/PN Series: DNV-GL |
| Railway             | EN 50121-4                                                                                                           |
| Traffic Control     | NEMA TS2                                                                                                             |
| Freefall            | IEC 60068-2-31                                                                                                       |
| Shock               | IEC 60068-2-27                                                                                                       |
| Vibration           | IEC 60068-2-6                                                                                                        |

#### MTBF

|           |                                                                                                                                                                                       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Time      | EDS-408A/408A-T, EDS-408A-EIP/PN Series: 1,339,439 hrs<br>EDS-408A-MM-SC/MM-ST/SS-SC/3M-SC/3M-ST/3S-SC/1M2S-SC/2M1S-SC Series: 1,253,072 hrs<br>EDS-408A-3S-SC-48 Series: 989,940 hrs |
| Standards | Telcordia (Bellcore), GB                                                                                                                                                              |

#### Warranty

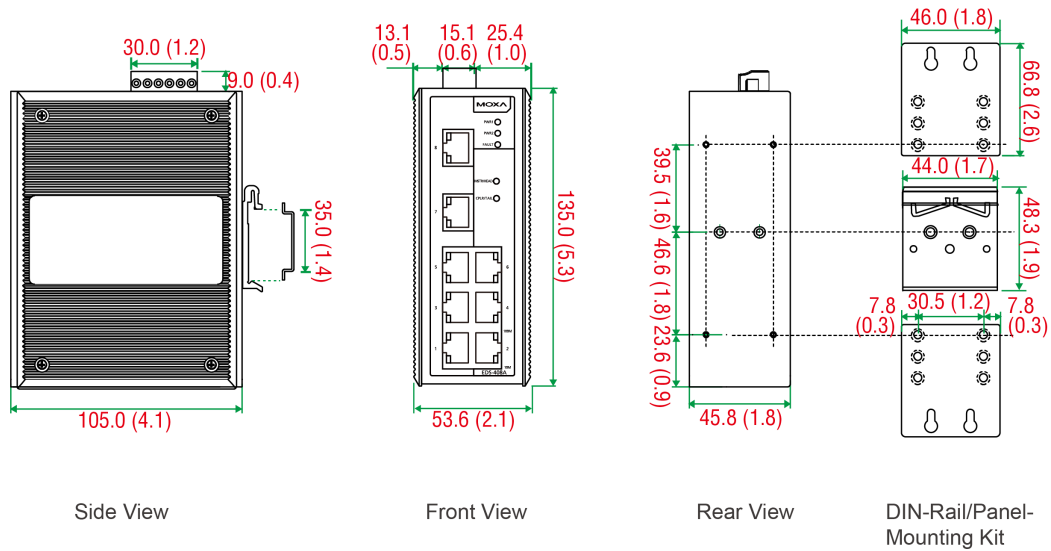
|                 |                                                                            |
|-----------------|----------------------------------------------------------------------------|
| Warranty Period | 5 years                                                                    |
| Details         | See <a href="http://www.moxa.com/tw/warranty">www.moxa.com/tw/warranty</a> |

#### Package Contents

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device           | 1 x EDS-408A Series switch                                                                                                                                        |
| Cable            | 1 x RJ45-to-DB9 console cable                                                                                                                                     |
| Installation Kit | 4 x cap, plastic, for RJ45 port                                                                                                                                   |
| Documentation    | 1 x product certificates of quality inspection, Simplified Chinese<br>1 x product notice, Simplified Chinese<br>1 x quick installation guide<br>1 x warranty card |

## 尺寸

單位：公釐（英吋）



## 訂購資訊

| Model Name          | Layer | Total No. of Ports | 10/100BaseT(X) Ports RJ45 Connector | 100BaseFX Ports Multi-Mode, SC Connector | 100BaseFX Ports Multi-Mode, ST Connector | 100BaseFX Ports Single-Mode, SC Connector | Operating Temp. |
|---------------------|-------|--------------------|-------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------|-----------------|
| EDS-408A            | 2     | 8                  | 8                                   | –                                        | –                                        | –                                         | -10 to 60°C     |
| EDS-408A-T          | 2     | 8                  | 8                                   | –                                        | –                                        | –                                         | -40 to 75°C     |
| EDS-408A-MM-ST      | 2     | 8                  | 6                                   | –                                        | 2                                        | –                                         | -10 to 60°C     |
| EDS-408A-MM-ST-T    | 2     | 8                  | 6                                   | –                                        | 2                                        | –                                         | -40 to 75°C     |
| EDS-408A-MM-SC      | 2     | 8                  | 6                                   | 2                                        | –                                        | –                                         | -10 to 60°C     |
| EDS-408A-MM-SC-T    | 2     | 8                  | 6                                   | 2                                        | –                                        | –                                         | -40 to 75°C     |
| EDS-408A-SS-SC      | 2     | 8                  | 6                                   | –                                        | –                                        | 2                                         | -10 to 60°C     |
| EDS-408A-SS-SC-T    | 2     | 8                  | 6                                   | –                                        | –                                        | 2                                         | -40 to 75°C     |
| EDS-408A-3M-ST      | 2     | 8                  | 5                                   | –                                        | 3                                        | –                                         | -10 to 60°C     |
| EDS-408A-3M-ST-T    | 2     | 8                  | 5                                   | –                                        | 3                                        | –                                         | -40 to 75°C     |
| EDS-408A-3M-SC      | 2     | 8                  | 5                                   | 3                                        | –                                        | –                                         | -10 to 60°C     |
| EDS-408A-3M-SC-T    | 2     | 8                  | 5                                   | 3                                        | –                                        | –                                         | -40 to 75°C     |
| EDS-408A-3S-SC      | 2     | 8                  | 5                                   | –                                        | –                                        | 3                                         | -10 to 60°C     |
| EDS-408A-3S-SC-T    | 2     | 8                  | 5                                   | –                                        | –                                        | 3                                         | -40 to 75°C     |
| EDS-408A-3S-SC-48   | 2     | 8                  | 5                                   | –                                        | –                                        | 3                                         | -10 to 60°C     |
| EDS-408A-3S-SC-48-T | 2     | 8                  | 5                                   | –                                        | –                                        | 3                                         | -40 to 75°C     |
| EDS-408A-1M2S-SC    | 2     | 8                  | 5                                   | 1                                        | –                                        | 2                                         | -10 to 60°C     |
| EDS-408A-1M2S-SC-T  | 2     | 8                  | 5                                   | 1                                        | –                                        | 2                                         | -40 to 75°C     |
| EDS-408A-2M1S-SC    | 2     | 8                  | 5                                   | 2                                        | –                                        | 1                                         | -10 to 60°C     |
| EDS-408A-2M1S-SC-T  | 2     | 8                  | 5                                   | 2                                        | –                                        | 1                                         | -40 to 75°C     |

| Model Name     | Layer | Total No. of Ports | 10/100BaseT(X) Ports RJ45 Connector | 100BaseFX Ports Multi-Mode, SC Connector | 100BaseFX Ports Multi-Mode, ST Connector | 100BaseFX Ports Single-Mode, SC Connector | Operating Temp. |
|----------------|-------|--------------------|-------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------|-----------------|
| EDS-408A-EIP   | 2     | 8                  | 8                                   | –                                        | –                                        | –                                         | -10 to 60°C     |
| EDS-408A-EIP-T | 2     | 8                  | 8                                   | –                                        | –                                        | –                                         | -40 to 75°C     |
| EDS-408A-PN    | 2     | 8                  | 8                                   | –                                        | –                                        | –                                         | -10 to 60°C     |
| EDS-408A-PN-T  | 2     | 8                  | 8                                   | –                                        | –                                        | –                                         | -40 to 75°C     |

## 配件 (選購)

### Storage Kits

|        |                                                                                                                                                       |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABC-01 | Configuration backup and restoration tool for managed Ethernet switches and AWK Series wireless APs/ bridges/clients, 0 to 60°C operating temperature |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

### Power Supplies

|           |                                                                                                                                                                   |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DR-120-24 | 120W/2.5A DIN-rail 24 VDC power supply with universal 88 to 132 VAC or 176 to 264 VAC input by switch, or 248 to 370 VDC input, -10 to 60°C operating temperature |
| DR-4524   | 45W/2A DIN-rail 24 VDC power supply with universal 85 to 264 VAC or 120 to 370 VDC input, -10 to 50°C operating temperature                                       |
| DR-75-24  | 75W/3.2A DIN-rail 24 VDC power supply with universal 85 to 264 VAC or 120 to 370 VDC input, -10 to 60°C operating temperature                                     |
| MDR-40-24 | DIN-rail 24 VDC power supply with 40W/1.7A, 85 to 264 VAC, or 120 to 370 VDC input, -20 to 70°C operating temperature                                             |
| MDR-60-24 | DIN-rail 24 VDC power supply with 60W/2.5A, 85 to 264 VAC, or 120 to 370 VDC input, -20 to 70°C operating temperature                                             |

### Wall-Mounting Kits

|          |                                                         |
|----------|---------------------------------------------------------|
| WK-46-01 | Wall-mounting kit, 2 plates, 8 screws, 46 x 66.8 x 2 mm |
|----------|---------------------------------------------------------|

### Rack-Mounting Kits

|       |                           |
|-------|---------------------------|
| RK-4U | 19-inch rack-mounting kit |
|-------|---------------------------|

### Software

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| MXview-50         | Industrial network management software with a license for 50 nodes (by IP address)             |
| MXview-100        | Industrial network management software with a license for 100 nodes (by IP address)            |
| MXview-250        | Industrial network management software with a license for 250 nodes (by IP address)            |
| MXview-500        | Industrial network management software with a license for 500 nodes (by IP address)            |
| MXview-1000       | Industrial network management software with a license for 1000 nodes (by IP address)           |
| MXview-2000       | Industrial network management software with a license for 2000 nodes (by IP address)           |
| MXview Upgrade-50 | License expansion of MXview industrial network management software by 50 nodes (by IP address) |

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